

**Claim Amendments**

1-20. (Canceled)

21. (Currently amended) A method of treatment ~~or prophylaxis~~ of a disease associated with ~~or based on~~ impairment ~~or dysfunction~~ of cerebral vascular reactivity selected from the group consisting of sepsis associated encephalopathy, sepsis, toxic encephalopathy, encephalopathy associated with autoimmune thyroiditis, autoimmune thyroiditis, cerebral microangiopathy, hypercholesterolemia and hypertriglyceridemia in a patient afflicted with such disease comprising the step of administering a pharmacologically tolerable and therapeutically effective amount of 5-[2-ethoxy-5-(4-methyl-1-piperazinylsulphonyl)phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one (sildenafil), a pharmaceutically acceptable salt thereof, or a solvate of a pharmaceutically acceptable salt thereof a PDE5 inhibitor to the patient.

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)